

DINNINGTON
HIGH SCHOOL
SIXTH FORM

2017-18 PROSPECTUS

LEAP

Part of the
Learner Engagement
Achievement Partnership
Multi Academy Trust



Welcome

At Dinnington High School, we have a vibrant Sixth Form offering a wide range of A level, BTEC qualifications and Technical courses. We are a growing Sixth Form with high academic standards and we prepare students for a successful future, whether this is at university, in further training or employment.

We are committed to supporting our students to enable them to realise their full potential. We are extremely proud of our students' achievements and the successful routes they take beyond the Sixth Form.

We have a team of dedicated and experienced staff who are available to guide and support our students throughout their courses. Students are required to gain a minimum of 6 4+ grades at GCSE, plus a grade 4 in English and Maths in order to meet the demands of the courses.

We are proud of our reputation for excellence – the majority of students completing a two-year course progress into higher education or employment. This excellent record is just one of the reasons why we are a popular choice for students. Why not join us and become part of our tradition of success? We have a proven track record of success with Sixth Form students. Our results continue to rise with 2017 being record breaking, above national and Rotherham averages. This resulted in many students securing places at top universities and apprenticeships.

Before courses begin, students will be provided with enough information to make the correct decision to meet their needs and aspirations.

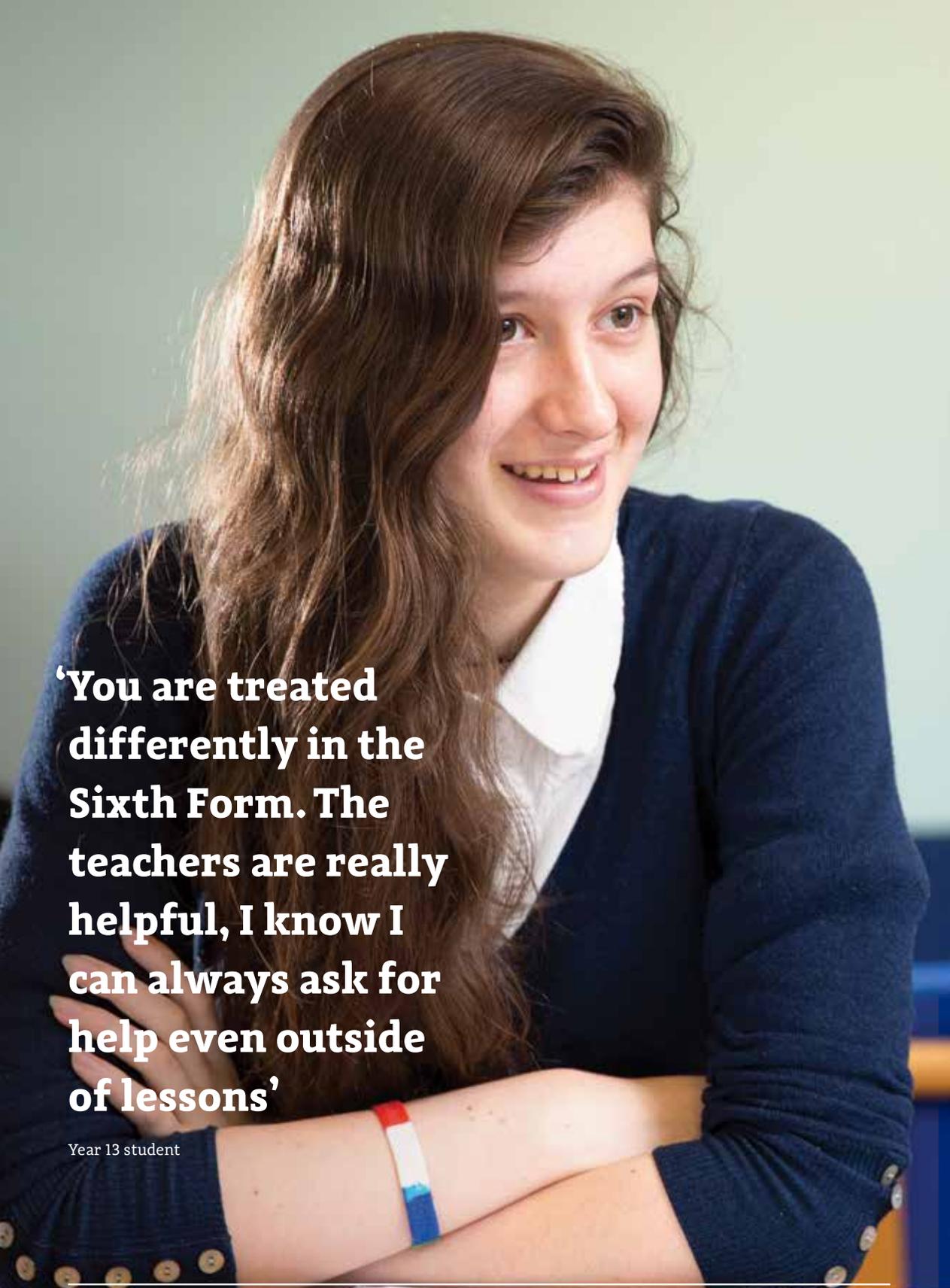
We stage an open evening and hold personalised interviews following the initial application. Following GCSE results in August, we invite students for another personal interview to discuss the options available before beginning a course.

The aim of our prospectus is to give you an informed view of what we offer here at Dinnington High School Sixth Form. If you would like any further advice, please don't hesitate to contact us (see page 69 for contact details). We look forward to welcoming you to Dinnington High School Sixth Form.

Finally I would like to draw your attention to the Government's ongoing reforms and their impact on students beginning to study courses in September. Please note individual subject entry requirements may change in light of the GCSE reforms. Please don't hesitate to ask the Sixth Form team for clarification.

H. Hardisty

Mrs H. Hardisty
Assistant Principal Post-16



'You are treated differently in the Sixth Form. The teachers are really helpful, I know I can always ask for help even outside of lessons'

Year 13 student

Sixth Form Life

Life in the Sixth Form is very different to Y7–Y11 regardless of which school you attended previously. Advanced level courses are very demanding and you will need to manage your study, personal and work life effectively if you are to succeed and progress into higher education or higher apprenticeships.

How many lessons you will have depends on how many subjects you study. You can expect to have 5 hours' teaching per subject and you should aim to match this amount for your own independent learning outside of the classroom.

To support you with your studies, the Sixth Form has excellent facilities. Students have access to a well-equipped Sixth Form study room where a member of staff can support you with your work. You will be allocated a personal tutor who you will work with on a day-to-day basis. Tutor sessions

are designed to support you and your studies. They give you a chance to have one-to-one tutorials with expert guidance and support.

There are many opportunities for you to develop a healthy CV by getting involved with initiatives such as the Sixth Form student leadership programme and transition mentors. As the Sixth Form is part of an 11-18 school, there are opportunities for you to get involved in the wider school community. A rich and varied CV will help you to secure a successful future.



Careers Advice

We offer a comprehensive programme of careers advice which has been praised highly. We work closely with the careers service and have personal advisers working in the school. Careers advice starts from the moment students express an interest in joining us.

We offer expert advice on degree courses. A number of our students gain valuable work experience placements whilst in the Sixth Form; many are successful candidates for engineering, business and medical courses at top universities and apprenticeships.

Individual Support & Guidance

The Sixth Form team works hard to ensure every student is given planned targeted support that will enable them to achieve their full potential.

Tutors and the Pastoral Year Leader monitor and encourage student achievements through a tutor programme designed to develop skills that will prepare you for your next step - whether this be university, college or employment.

The programme will cover:

- Developing friendships with your form and year group through non-academic activities such as charity events.
- How to develop study skills and manage your time effectively.
- How to deal with stress and develop coping strategies.
- How to apply for higher education through UCAS and make your application stand out from the crowd.
- Developing your understanding of current affairs.
- Developing your literacy skills through active learning.

Frequently Asked Questions

What and how many subjects should I study?

We expect you to study a minimum of 3 and a maximum of 4 subjects. Advanced courses are challenging. Ideally, you should do your research and find out what university entry requirements are for the degrees you are interested in, if that is your preferred route.

If you do not know what you want to do in the future, your subject choices should be varied to keep as many doors open as possible.

How do I decide where to study my A levels?

Again, you need to do your research. Studying at a Sixth Form is very different to Y7-Y11. Your relationships with your peers and teachers are very different.

Talk to your parents and your teachers and discuss your thoughts. Visits to open events are crucial. Where can you see yourself achieving your best? Where will give you the best support?

Key Dates

Wednesday 25th October 2017

Sixth Form Open Evening

W/C 27th November 2017

16+ Week

(Course information and tasters)

December 2017 onwards

Sixth Form Interviews

Friday 23rd February 2018

Applications deadline via
www.ucasprogress.com

(For students not in Y11
at Dinnington High School)

Thursday 5th July 2018

Year 12 Induction Morning

Thursday 23rd August 2018

GCSE Results Day

Friday 24th August 2018

Sixth Form Interviews

Wednesday 5th September 2018

Y12 Lessons begin

How Do I Apply?

If you are already a Dinnington High School student, you will not be required to complete an application form. The Sixth Form team will invite you to interview in the autumn term.

You need to sign up to UCAS progress if you are a Y11 student studying at a Rotherham or Sheffield school (www.ucasprogress.com). You need to complete and send your application to us by the end of January, if you wish to study in September.

If you do not have access to UCAS progress you must contact the Sixth Form team directly on: sixthform@dinningtonhighschool.co.uk before the end of January.

Do not panic and rush your application. Make sure you have done your research and you are making the right decision for you. If you are struggling to make a decision, speak to the Sixth Form team. They will be able to support you and your decision.

You should experience taster lessons in the subjects you are interested in during our Sixth Form Taster Week. This should give you a good idea about what the subjects will be like to study at A level.

Beyond the Classroom

At Dinnington High School there are many ways for Sixth Form students to gain valuable skills and experience outside the classroom as well as within it.

Sixth Form Prom

The Sixth Form Prom is a magical evening of celebration where students and staff can get together after the hard work of the exams. We hold the event in a local hotel and everyone looks amazing in their beautiful dresses and smart suits.

The Sixth Form Prom is a magical evening of celebration where students and staff can get together after the hard work of the exams.

The event is a mixture of presentations and awards to remember and celebrate the time in Sixth Form and also a fun party with eating and dancing.

The Committee always organises special touches to personalise the Prom for each year group, such as photo placemats which students can take away to university to remember their friends. After the meal, we play a DVD of leaving speeches from teachers and form tutors and these are a mixture of moving goodbyes, witty songs and funny sketches.

The Prom is a very special evening for everyone and a special memory of the Sixth Form which will be remembered for many years.

Enrichment

The Sixth Form provides fantastic opportunities to broaden and enrich the academic experiences of our students.

Our aim is to ensure students develop into well-rounded individuals and are given access to a range of opportunities which will broaden their skill base and enhance their own personal development.

Students find that the skills and experience they develop are vital in order to strengthen their application to Higher Education and to make them stand out to future employers.

Student Leadership Programme

The student leadership programme is an essential part of Dinnington High School. Student leaders help organise activities as well as representing the Sixth Form at events with lower school students and members of the wider school community. Student leaders meet once a week to discuss key issues and put into place their plans. They work alongside Heads of Year and review school policies and procedures, ensuring the student voice is heard and the Sixth Form is the best it can possibly be. It is a valuable role and really helps to develop

The student leadership programme is an essential part of Dinnington High School.

key skills that employers and universities are looking for.

How do I become a Student Leader?

You will need to be nominated by a member of staff in the first instance. If you receive a nomination you will need to fill in an application form in September. Applications will be shortlisted by staff. Successful applicants will be invited to a student leadership training event. This will involve a variety of activities which demonstrate your skills in leadership and working with others.

Successful student performance will result in selected students gaining a position of Sixth Form Ambassador. Those who demonstrate exceptional leadership qualities will be nominated for the prestigious position of Senior Ambassador and/or Deputy Senior Ambassador of the Sixth Form.

What have the Student Ambassadors done recently?

- Organised charity events.
- Conducted Student Attitude Surveys.
- Given talks and tours of the school for prospective Sixth Form students, including those from other schools.
- Met with staff to discuss resources.
- Acted as representatives of the Sixth Form at a variety of events such as Science Week.

What will you get out of being a Student Leader?

'Being a Student Ambassador has allowed me to work with people who I possibly wouldn't have otherwise. It has given me the opportunity to help organise and plan events and take more responsibility for the aims we have set, helping make sure that they are achieved. Being a Student Ambassador has been really enjoyable and I'm proud to be a part of it.'

'I enjoy being a Student Ambassador because I get involved in school life and make a difference. We also help out at open evenings for lower school students and show students around who attend other schools - I have developed so much from my experiences. I have loved being a Student Ambassador!'

16-19 Bursary Fund

The 16-19 Bursary Fund was set up by the Department for Education in September 2011 to replace the Educational Maintenance Allowance (EMA) system. The funding is intended to give financial support to students who would otherwise experience difficulties in continuing or completing their courses of study or in accessing the full range of educational opportunities.

Funding provided to the school is limited and is available to Sixth Form students. To be eligible to receive a bursary a young person must be aged under 19 on 31st August in the academic year in which they start their programme of study.

The school seeks to ensure that:

- Priority is given to students from the families with the lowest household income and/or highest demonstrated need.
- Funding is distributed fairly via a process which is transparent and easily understood.
- Applications for funding are assessed taking into account the financial circumstances of the applicant and the intended use of the award.

There are two categories of applicant:

- i. Priority groups
- ii. Other applicants

Students are deemed to be in a priority group if they are:

- Young people who are looked after children in the care of the Local Authority or foster parents.

- Care leavers (i.e. aged 16+ [usually 18] coming out of the care system in order to live independently).
- Those young people who receive Income Support or Universal Credit in their own name.
- Disabled young people in receipt of both Employment Support Allowance and Disability Living Allowance or a personal independence payment, both in their own name.

Students in priority groups receive funding from central government funds.

Other students may apply for bursaries if financial barriers are preventing full access to 16+ studies and/or enrichment and extension activities. Priority will be given to applicants with the lowest household income. Standard expectations **MUST** be met before any bursary can be awarded.

Applicants may make an application for a bursary for any purpose but applications are most likely to be successful if they are used to support:

- The purchase of books/equipment.

- Transport costs (public transport) to and from school.
- Trips and visits organised by school.
- University interviews.
- Open days.

Applications are considered on three occasions (allocation rounds) during the year in October, January and April. The previous assessment point will be considered to judge whether standard expectations have been met. Standard expectations of all 16+ students are that they:

- i. Achieve 96%+ attendance
- ii. Achieve committed/excellent grades in assessment points.

Students must also meet the statement of expectations as stated in the Sixth Form Planner.

Any student may apply for a bursary. However, priority will be given to students with the lowest household income.

For more details students can collect a copy of the school policy and an application form from the Sixth Form Study Area in September.

The Bursary is funded by central government on an annual basis. This information is correct at the time of going to print but does not constitute a guarantee that Bursary funding will be available in 2018/19.



Options

Box A

- Fine Art
- Chemistry
- BTEC Business (Single)
- BTEC Health & Social Care (Single)
- English Language
- Maths
- BTEC Music
- Philosophy
- PE
- Sport & Physical Activity (Single)

Box B

- Biology
- BTEC Business (Double)
- BTEC Health & Social Care (Double)
- History
- Psychology
- Photography
- Physics
- Sport & Physical Activity (Double)

Box C

- Biology
- Computer Science
- Engineering
- Geography
- Media
- Psychology
- Performing Arts
- Spanish
- Statistics

Box D

- Chemistry
- English Literature
- French
- Health & Social Care (Triple)
- IT
- Further Maths
- Sociology

There may be flexibility in relation to which box a particular subject is placed in.

* Check with the Sixth Form team.

Courses

Creative & Performing Arts

Fine Art	16
Creative Digital Media Production	17
Music	18
Performing Arts	19
Photography	20

Languages & Literature

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English Literature	25
French	26
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Humanities

Geography	30
History	31

Business Technology

BTEC Business	34
ICT	36
Computer Science	37

Mathematics

Mathematics	40
Further Mathematics	41
Statistics	43

Physical Education

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Physical Education	47

Science

Biology	50
Chemistry	51
Physics	53

Social Sciences

Childcare & Education	57
Health & Social Care	58
Philosophy	60
Psychology	61
Sociology	63

Engineering & Design

Engineering	66
Product Design	67



Creative & Performing Arts

Fine Art
Creative Digital Media Production
Music
Performing Arts
Photography

Fine Art

The visual arts are an internationally recognised strength for the British economy and are still expanding while other jobs sectors are shrinking.

British artists and designers are in great demand and this can lead to careers in industry, the media and teaching. It is massively competitive and students need to be highly motivated and committed.

Entry Requirements

Students are required to achieve at least a grade 4 in GCSE Art.

Study Topics

This is a painting and drawing based course supported with photography. The painting is primarily but not exclusively oil paint based. Some students who excel in other media may concentrate on and develop those.

Assessment

Students have their work regularly assessed in either group or individual unit reviews when all their work is appraised and targets set.

These reviews build towards unit marks based on assessment objectives which are set by AQA. All marks are out of 96 with each objective being worth 24 marks out of 96.

Unit 1: the coursework unit is final marked in March of year 13.

Unit 2: the exam unit is final marked in May of year 13.

Unless a student is opting specifically for AS only there is no external assessment in year 12.



BTEC Level 3 National Extended Certificate

Creative Digital Media Production

Creative Digital Media Production can lead on to a variety of higher education courses, apprenticeships and jobs relating to the creative media industries; such as advertising and marketing, digital media production, TV/film production, journalism, radio, social media, public relations, print media, web design and game design.

Assessment

2 externally assessed units (58%)

Unit 1 Media Representations:

90 guided learning hours.
2 hour examination.

Unit 8 Responding to a Commission:

120 guided learning hours.
Supervised assessment period (5 hours) based on pre-released material (2 weeks before the assessment period).

2 assessments points are available so students can re-sit this unit, if needed.

2 internally assessed units (42%)

Unit 4 Preproduction Portfolio:

90 guided learning hours.
Assignment based assessment.

Unit 10 Film Production (Fiction):

60 guided learning hours.
Assignment based assessment.

Entry Requirements

C or above in GCSE Media (if taken at GCSE) and a 4+ in English.

Study Topics

Media representations, pre-production portfolio, responding to a commission and film production.

Music

The qualification carries UCAS points and is recognised by higher education providers. Students may also progress into professional vocational training in a music programme.

Music is a great subject to have on your CV and will complement any progression route whether that be university, employment or training. Previous students have researched careers in many different fields such as music managers, sound engineers, recording artists, directors, composers to name but a few.

Entry Requirements

4+ in music or grade 5+ in an instrumental exam.

Study Topics

BTEC music is heavily weighted towards practical

and instrumental work.

Everyone taking this qualification will study 4 mandatory units, covering the following content areas:

- Music performance.
- Professional practice in the music industry.
- Music skills development.
- Creating a music product.

Students choose 2 option units, both of which have been designed to support progression to more specialist music courses in higher education and to link with relevant occupational areas such as solo performance and live event management. This allows students to choose a specific specialist area in which they wish to develop their skills.

Assessment

A mixture of coursework and external exams at the end of the second year.

Performing Arts

Performing Arts can lead you to higher education, professional vocational training in a Performing Arts programme or to support progression to higher education in other subjects such as law, medicine and many more due to the importance of its transferrable skills.

Entry Requirements

At least a grade 4 or pass in Music, Drama and/or Performing Arts.

Study Topics

The course covers 5 specialists pathways; you must follow one. These are:

Acting

This pathway will prepare students for the modern demands of the acting industry, enabling them to be flexible and adaptive. Learning how to develop acting techniques and hone their performance skills. There are also opportunities to learn about script writing and an introduction to theatre directing.

Dance

This pathway will prepare students for the demands and exhilaration of showcasing live dance performance. They will focus on building a strong foundation in dance techniques and gaining a real insight into the realities of life as a dancer. They will also have the opportunities to develop choreography skills and immerse themselves in professional dance works in order to understand how they are structured.

Music

With the advances in technology, there are now many routes within music. Students can focus on creating music, mastering techniques as an instrumentalist, producing music using technology, singing or performance as well as an opportunity to explore writing songs or managing the equipment used in the music making process.

Musical Theatre

A key term in musical theatre training is learning to be a 'triple threat performer', which means the ability to act, sing and dance to a high standard. We have been guided by the Liverpool Musical Theatre School to build this pathway to ensure that students have the skills and experience to build a successful career in Musical Theatre.

Theatre Production

For every performer on stage there are eight people behind the scenes helping to make the 'magic' happen, so the backbone of every performance is the production team. Students will learn about the processes involved in the organisation and management of technical resources and people during a theatrical production. Through our work with LAMDA and RADA, we have developed units that will focus on the knowledge and skills needed to design and operate lighting and/or sound, design and realise characters and/or sets.

Assessment

3 external units done as controlled assessments (briefs set by exam board).
3 internal units (portfolio work).



Photography

Photography has many options for careers such as commercial, industrial, self-employment and journalism. It is massively competitive and students need to be highly motivated and committed.

Entry Requirements

GCSE 4+ in a visual arts subject would be beneficial but is not compulsory.

Study Topics

This course is a practical based photographic investigation of a personal project or theme chosen by discussion with staff. Dark room based traditional photography will also be an element of the course but it will be primarily digital based.

Students do not need expensive equipment (although it is always advantageous) but many

students can be very successful with a good camera phone.

Assessment

Students have their work regularly assessed in either group or individual unit reviews when all their work is appraised and targets set.

These reviews build towards unit marks based on assessment objectives which are set by AQA. All marks are out of 96 with each objective being worth 24 marks out of 96.

Unit 1: the coursework unit is final marked in March of year 13.

Unit 2: the exam unit is final marked in May of year 13.

Unless a student is opting specifically for AS only there is no external assessment in year 12.





Languages & Literature

English Language

English Literature

French

Spanish



A level

English Language

English Language A level can lead students to a career in areas such as journalism, teaching, writing, linguistic studies, media, advertising and publishing.

Top universities look very highly on English Language and it is considered a 'facilitating' subject that can enable greater access to whatever you choose to study.

Entry Requirements

Students are required to achieve at least a grade 5 in English at GCSE.

Study Topics

Textual variations and representations, child language development, language diversity and language change.

Assessment

20% terminal exam (two papers) at end of a two year course and coursework (original writing and language investigation into an area of choice).



A level

English Literature

English Literature A level can lead students into a wide range of career paths including journalism, teaching, writing and law.

Top universities look very highly on English Literature and it is considered a 'facilitating' subject that can enable greater access to whatever you choose to study.

Entry Requirements

Students are required to achieve at least a grade 5 in English at GCSE.

Study Topics

Aspects of tragedy/comedy incorporating study of a Shakespeare text, a drama text and a further text.

Elements of crime writing/political writing incorporating one post-2000 prose text, poetry and a further text.

Assessment

20% terminal exam (two papers) at end of a two year course and coursework (two essays on poetry and a prose text of choice, linked to a pre-released critical anthology. One of the texts can be creative).

French

French A level can lead students to a wide range of jobs in a variety of sectors such as international banking, international sales and marketing, international buyer, international law and politics, business services, charity work, engineering, media, museums and libraries, public administration, teaching tourism and transport and logistics.

- Aspects of political life in the French speaking world: Young people, the right to vote and political engagement, demonstration and strikes, politics and immigration.
- Study of one book and one film along with a personal research project.

Assessment

Regular assessment throughout the course (particularly at the end of each sub topic): listening, speaking, reading, writing.

Year 12 progression exam.

Year 13 final exams:

Paper 1: Listening, reading and responding to passages in both spoken and written French. Includes translation from and into French.

Paper 2: Two essays of about 300 words on the novel and film studied.

Paper 3: Oral Exam, Stimulus card based on a topic studied in class, then a presentation on a subject of their own choice followed by discussion on that topic.

Entry Requirements

Students need a minimum of 5 to be considered for the A level course, however, a 6+ is preferable.

Study Topics

- Aspects of French speaking society: current trends: The changing family, cyber-society, the role of the charity worker.
- Artistic culture in the French speaking world: A culture proud of its heritage, contemporary francophone music, cinema.
- Aspects of French speaking society: current issues: Positive aspects of a diverse society, life for minority groups, how we treat criminals.



Spanish

Spanish A level can lead students to a wide range of jobs in a variety of sectors such as international banking, international sales and marketing, international buyer, leisure and tourism industry, translation (police, local authority companies etc.), teaching (primary and secondary), accountancy, fashion, broadcast journalist, diplomatic service, English as a foreign language, diplomatic service, international aid development worker, logistics and distribution manager, patent examiner and tour manager.



Entry Requirements

Students need a minimum of 5 to be considered for the A level course, however, a 6+ is preferable.

Study Topics

- Aspects of Hispanic society: Traditional and modern values, cyberspace and equal rights.
- Artistic culture in the Hispanic world: Influence of idols, regional identity and cultural patrimony.
- Literature: Study of two films/plays/novels.
- Multiculturalism in Hispanic society: Immigration, racism co-existence and integration.
- Political life in the Hispanic world: Young people of today and citizens of tomorrow, monarchies and dictatorships, social movements/political.

Assessment

After each section there will be a progress test on that section involving listening, reading, speaking or writing.

Year 12 progression exam.

Year 13 final exams:

Paper 1: Listening, reading and responding to passages in both spoken and written Spanish. Includes translation from and into Spanish.

Paper 2: Two essays of about 300 words on the literary works studied.

Paper 3: Oral Exam. A presentation on a subject of their own choice followed by discussion on that topic.



Humanities

Geography
History

Geography

Geography is considered to be one of the most employable subjects at A level and degree level. During your studies you will acquire a wide skills set that make you a very employable candidate.

Careers in this field include travel, cartography, energy engineering, town planning, geology, landscape architecture, meteorology, nature conservation, forestry, seismology, housing management, armed forces, airline work, oceanography, waste management, logistics, teaching, social development adviser, sustainability analyst, women's outreach worker.

Study Topics

Physical Systems:

- Landscape systems - Coastal systems
- Earth's life support systems

Human Interaction:

- Changing spaces; making places
- Global Connections - Human rights and migration

Geographical debates:

- Hazardous Earth
- Future of food

Assessment

Exam 1: 22% Physical Systems - 1hr 30mins

Exam 2: 22% Human Interactions - 1hr 30mins

Exam 3: 36% Geographical Debates - 2hr 30mins

Non-examined assessment:

20% Independent Investigation

Entry Requirements

Students are required to achieve at least a grade 4+ at GCSE Geography.



History

History is a subject that can complement a wide range of progression routes. It is classed as a facilitating subject at university due to its transferrable skills.

Students who study A level History can go into careers such as law, archaeology, teaching, journalism, media, TV and radio, library and archive work.

Study Topics

- Democracy and Dictatorship in Germany 1918-1945
- The Tudors: England 1485-1603
- Historical Investigation on American Civil Rights

Assessment

2 examinations and a coursework element

Component 1

Germany - 2hr 30min exam, where you will have a source question and have to write two essays.

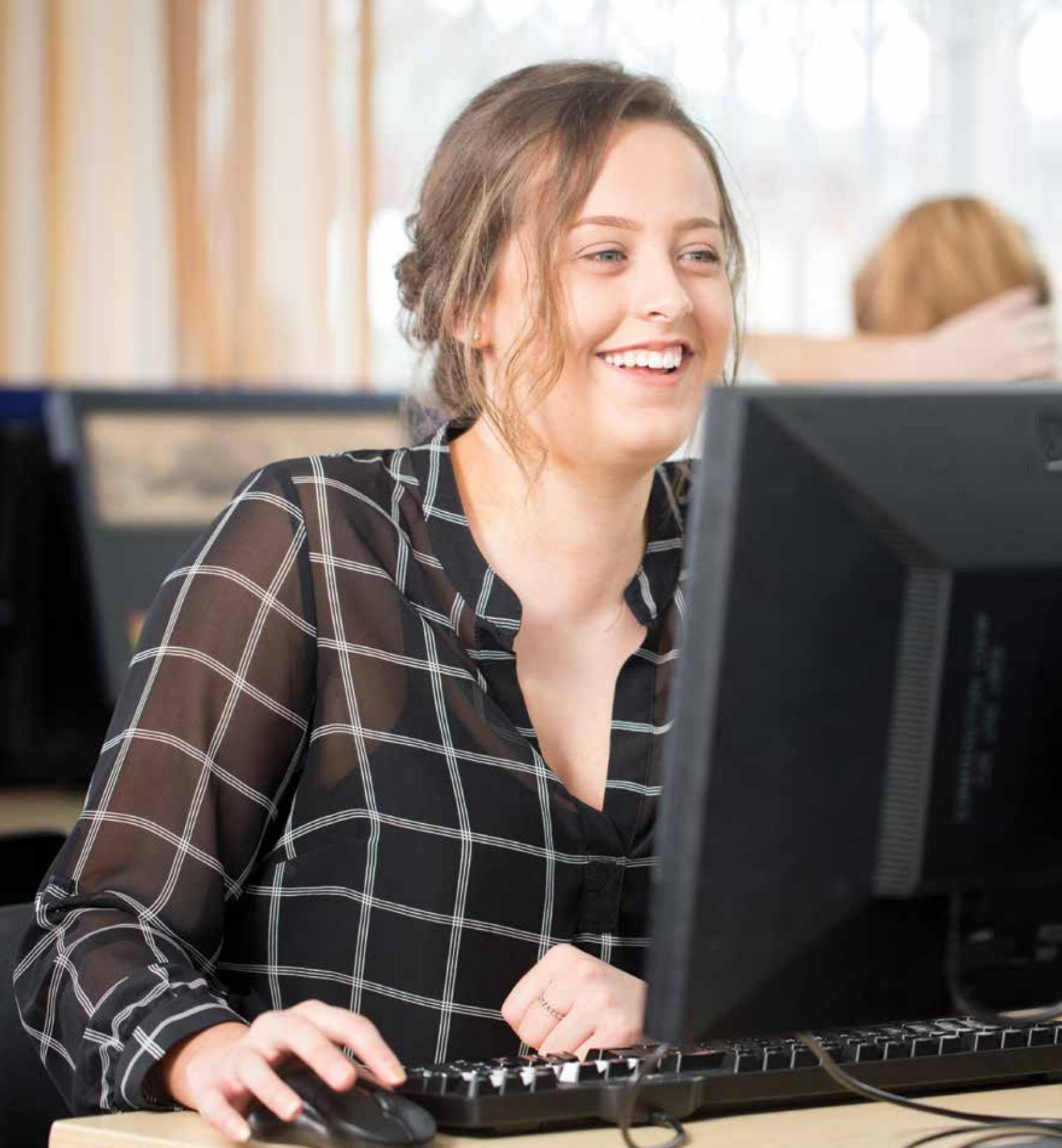
Component 2

Tudors - 2hr 30min exam, where you will have a source question and have to write two essays.

Entry Requirements

Students are required to achieve at least a grade 4+ in GCSE History and English.





Business Technology

BTEC Business
ICT
Computer Science

Business

The qualification carries UCAS points and is recognised by higher education providers.

Learners should always check the entry requirements for degree programmes at specific higher education providers. The qualification can also support progression to employment, or training via an apprenticeship.

As part of the course, carrying out additional work experience would be advantageous to enrich knowledge and understanding of the various business sectors. Guest speakers from various business sectors will also be invited into school to support the assessment process of the course.

Entry Requirements

Students are required to achieve at least a grade 4 in English and Maths. There is no need to have studied Business Studies previously.

Study Topics

The Pearson BTEC Level 3 National Extended Certificate in Business is an Applied General qualification. It is for Sixth Form learners who want to continue their education through applied learning and who aim to progress to higher education and ultimately to employment in the business sector.

The qualification aims to provide a coherent introduction to study of the business sector. The learning programme covers the following content areas: business environments, finance and marketing.

Assessment

The qualification is equivalent to a single A level (50% external assessment). You will be assessed by using a range of methods including the following:

Unit 1: Exploring business -

Mandatory coursework

Unit 2: Developing a marketing campaign -

a supervised set task

Unit 3: Personal and business finance -

1hr 30min exam

Unit 4: Recruitment and selection process -

optional coursework



Business

The qualification carries UCAS points and is recognised by higher education providers. It will support entry to many higher education courses, depending on the other qualifications learners have taken.

Learners should always check the entry requirements for degree programmes at specific higher education providers. The qualification can also support progression to employment directly, or via an apprenticeship. Enrichment Opportunities and Visits

As part of the course student are encouraged to carry out additional work experience to enrich knowledge and understanding of the various business sectors. Guest speakers from various business sectors will also be invited into school to support the assessment process of the course.

Entry Requirements

Students are required to achieve 4+ in English and Maths. There is no need to have studied either Business Studies previously.

Study Topics

The Pearson BTEC Level 3 Diploma in Business is an Applied General qualification. It is for sixth form learners who want to continue their education through applied learning and who aim to progress to higher education and ultimately to employment in the business sector. The

qualification is equivalent in size to two A levels and aims to provide a coherent introduction to study of the business sector. The learning programme cover the following content areas: business environments, finance and marketing.

Assessment

The qualification is equivalent to a two A levels (45% external assessment). You will be assessed by using a range of methods including the following:

Unit 1: Exploring Business -

Mandatory coursework

Unit 2: Developing a Marketing Campaign -

A supervised set task

Unit 3: Personal and Business Finance -

1 hour exam

Unit 4: Managing an event -

Mandatory coursework

Unit 5: International Business -

Mandatory coursework

Unit 6: Principles of management -

A supervised set task

Unit 8: Recruitment and Selection process -

Optional coursework

Unit 14: Investigating Customer Service -

Optional coursework

ICT

Studying ICT prepares students who want to pursue employment in the IT sector or want to progress into IT-related apprenticeship or gain a Level 3 qualification to support further study in Further Education (FE) or Higher Education (HE).

Entry Requirements

Students are required to achieve a grade 4 in GCSE ICT.

Study Topics

The OCR Level 3 Cambridge Technical Introductory Diploma in IT is equivalent to one A level. Learners

will be able to develop the core knowledge, skills and understanding of the IT sector required by employers in the IT sector, and develop further skills by completing a range of units through a choice of these specialist pathways:

- IT Infrastructure Technician
- Emerging Digital Technology Practitioner
- Application Developer
- Data Analyst

Assessment

There are two externally examined units and a choice of three further units which are either examined or centre assessed and moderated by OCR, which will make up a specialist endorsed pathway.



A level

Computer Science

Computer Science prepares students for employment in the IT sector who want to progress into IT-related careers.

Computer Science is a sought after career path with many students succeeding in the world of computer programming, a field which has the ability to change the world in which we live.

at the end of two years of study. Here are some of the key benefits of our new Computer Science specifications for you:

The qualifications will be focused on programming, will build on our GCSE Computing and emphasise the importance of computational thinking as a discipline. There will be an expanded maths focus, much of which will be embedded within the course. The ICT content of the new specifications will be appropriate to a Computer Science qualification. Computational thinking will be at the core of the course.

Entry Requirements

Students are required to achieve a grade 5+ in Maths and Computing if studied at GCSE.

Study Topics

A level Computer Science qualifications will inspire and challenge students to apply the knowledge they gain with the creative and technical skills they acquire. This will be fully linear so assessment of your knowledge and understanding of the whole course takes place

Assessment

The A level will consist of three components, two of which will be externally marked question papers making up 80% of the qualification.

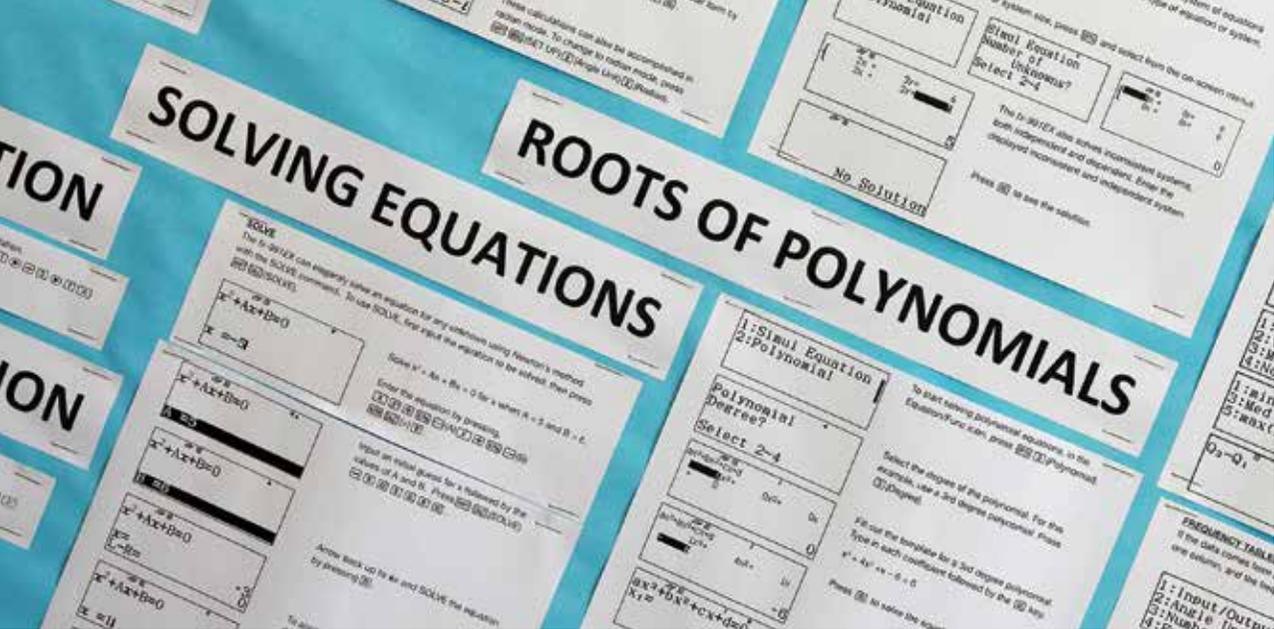
The other 20% will be the coursework project with a greater emphasis on coding and programming with a simple assessment model and marking criteria.





Mathematics

Mathematics
Further Mathematics
Statistics



A level

Mathematics

Mathematics is a very highly regarded qualification and a truly fascinating subject that can lead to almost any career. Students with an A level in mathematics can go into finance, accounting, engineering, medicine, dentistry, teaching, IT, programming, design, construction and many others. Mathematics is a facilitating subject at top universities.

Entry Requirements

Students are required to achieve a grade 7 or above in GCSE Mathematics having studied at GCSE and been entered for the Higher Tier paper.

Study Topics

You will study topics from pure mathematics, mechanics and statistics.

Pure mathematics will include algebra, proof, trigonometry, coordinate geometry, sequences and series, differentiation, integration, numerical methods and logarithms. Mechanics will look at using vectors, kinematics, moments, forces and Newton's laws.

Statistics will introduce interpreting data, probability distributions and hypothesis testing.

A calculator that can access probabilities from statistical distributions is essential. Talk with the Maths department about what calculator to buy.

Assessment

Three 2 hour exams at the end of the course. Each exam is worth a third of the final grade.
Paper 1: Pure Mathematics
Paper 2: Pure Mathematics and Mechanics
Paper 3: Pure Mathematics and Statistics

A level

Further Mathematics

Further Mathematics is a very sought after qualification that can provide more opportunities to enrol on the most highly regarded science, technology, engineering and maths courses at the most prestigious universities.

Entry Requirements

Grade 7 or above in GCSE Mathematics.

Study Topics

You will study topics from Pure Mathematics, Mechanics and Statistics.

Pure Mathematics will include proof, complex numbers, further calculus, polar coordinates, hyperbolic functions, differential equations,

trigonometry and coordinate geometry. Mechanics will look at dimensional analysis, momentum, energy and power, circular motion, centre of mass and moments. Statistics will introduce discrete random variables, the poisson distribution, continuous random variables, chi tests and the exponential distribution.

A calculator that can access probabilities from statistical distributions is essential. Talk with the Maths department about what calculator to buy.

Assessment

Three 2 hour exams at the end of the course. Each exam is worth a third of the final grade.

Paper 1: Pure Mathematics

Paper 2: Pure Mathematics

Paper 3: Mechanics and Statistics





A level

Statistics

Statisticians are increasingly in demand in many areas of work, especially in economics, medicine (for clinical trials), government (Departments of Education, Health, Transport etc.), banking and finance, sports science, scientific research, and market research.

Statistics is a qualification that is welcomed by universities. On many degree courses including Geography, Psychology, Biology, Economics and Business there are compulsory statistical units such is the importance of the subject.

Entry Requirements

Students will need at least a grade 6 in Maths at GCSE. It is not a requirement to have studied GCSE Statistics.

Study Topics

Over the two years you will study the principles of Statistical Inference and Probability Theory. This will cover a range of statistical concepts and techniques that will allow you to compare and contrast data sets and decide whether or not observed differences are 'real' or simply the result of chance alone.

There is particular emphasis on interpretation of results and the quality of data - are the results significant and reliable? You will look at common misrepresentations of statistics in society and learn to look at the flaws in the data that is presented to us.

This is a course that will teach you to constantly question information that is presented to you. Do speed cameras reduce road fatalities? Are people who use mobile phones more likely to develop brain tumours than those who don't? Is the lottery worth playing? Do boys really perform less well than girls in GCSE exams? Does the positive correlation between TV ownership and life expectancy mean we should buy more TVs? How do we know?

There is an opportunity to go to the Isle of Arran in Scotland at the end of year 12 to carry out statistics fieldwork.

Assessment

We will follow the new Edexcel A level course which is assessed by examination only at the end of year 13.

There will be the opportunity to achieve an AS qualification at the end of year 12 for those for whom this would be appropriate.





Physical Education

Sport & Physical Activity
Physical Education



OCR Cambridge Technical

Sport & Physical Activity

Students who study Sports can go on to university courses including sports development, sports coaching and youth sport. Careers in sport including teaching, sports coaching, sports development, sports psychology, fitness instructor, events management and sports injury rehabilitation.

Extended certificate = 1 A level
Diploma = 2 A levels

- Sports development
- Sports psychology
- Organisation of sports events
- Working safely in sport
- Physical activity for specific groups
- Health & fitness testing
- Performance analysis
- Sports injuries
- Practical sport

Assessment

Internally assessed and moderated assignments, along with external exams.

Extended Certificate (5 units): (1 A level equivalent) 2 external exams and 3 assignments.

Diploma (11 units): (2 A level equivalent)

3 external exams, 8 assignments.

There is an option for students to take a triple qualification if numbers allow.

Entry Requirements

Students are required to achieve a grade 4+ in PE and English.

Study Topics

- Body systems
- Sports coaching

A level

Physical Education

Students who study Physical Education can go on to university courses including physical education, sports development, sports coaching, youth sport, sports science and physiotherapy.

Careers in sport including teaching, sports coaching, sports development, sports psychology, fitness instructor, events management and sports injury rehabilitation.

Entry Requirements

Students are required to achieve a grade 4+ in English, Mathematics, Science and PE.

Study Topics

- Applied anatomy and physiology
- Exercise physiology and applied movement analysis
- Skill acquisition
- Sport psychology
- Sport and society

Practical Performance:

Performance Analysis and Performance Development Programme

Assessment

Component 1: 40%,

Scientific Principles of Physical Education
Written examination: 2hours 30mins (140 marks)

Component 2: 30%

Psychological and Social Principles of Physical Education
Written examination: 2 hours (100 marks)

Component 3: 15%

Practical Performance
Non-examined assessment: internally assessed. (40 marks)

Component 4: 15%

Performance Analysis and Performance Development Programme which is a non-examined assessment: internally assessed. (40 marks)





Science

Biology
Chemistry
Physics

Biology

For students who study Biology this course could lead to a variety of careers including physiotherapy, veterinary, medical and biomedical sciences.

Entry Requirements

Students are required to achieve a grade 5 in English, along with a grade 5+ in Biology or Additional Science and Mathematics.

Study Topics

First Year:

- Biological molecules
- Cells
- Organisms exchange with their environment
- Genetic information, variation and relationships with their environment

Second Year:

- Energy transfers in and between organisms
- Organisms respond to their internal and external environment
- Genetics, populations, evolution and ecosystems
- The control of gene expression

Assessment

Paper 1 and 2: 35%

Paper one focuses on AS content and paper two focuses A2 content, both are 2 hour exams.

Paper 3: 30%

Paper three, both AS and A2 content, 2 hour exam.

Assessed practicals

There are 12 practicals that students are assessed on their competencies of analysis and evaluation throughout all three papers as well as the CPAC qualification.



Chemistry

Studying Chemistry could lead on to a wide range of careers, further study areas or research topics such as biochemistry, biomedical sciences, chemical engineering, chemistry, environmental science, forensic science, geology, material sciences, medicine, natural sciences, nursing, pharmacy, teaching, veterinary science and dentistry.



Entry Requirements

Students are required to achieve a grade 5+ in Chemistry or Additional Science along with a grade 5 in Mathematics and English.

Study Topics

Physical Chemistry:

- Atomic Structure
- Amount of substance
- Bonding
- Thermodynamics
- Rate of reaction
- Equilibria
- Redox and cells
- Acids and bases

Inorganic Chemistry:

- Periodicity
- Group 2 and Group 7
- Transition metals
- Reactions of ions in aqueous solution

Organic Chemistry

- Nomenclature and Isomerism
- Alkanes
- Halogenoalkanes

- Alkenes
- Alcohols
- Organic analysis
- Aldehyde and ketone
- Carboxylic acids and derivatives
- Aromatic chemistry
- Amines, Polymers
- Amino acids
- Proteins and DNA
- Organic synthesis
- Spectroscopy
- Chromatography

Assessment

Paper 1: 35%

Physics and Inorganic chemistry, practical skills. 2 hours, 105 marks (short and long answers).

Paper 2: 35%

Physical and Organic chemistry, practical skills. 2 hours, 105 marks (short and long answers).

Paper 3: 30%

All content including practical skills. 2 hours, 90 marks (short and long answers including multiple choice).



A level

Physics

The top seven degree courses taken by students who have an A level in Physics are: Mathematics, Physics, Mechanical Engineering, Computer Science, Civil Engineering, Economics and Business.

Possible career options studying A level Physics offers an infinite number of amazing career opportunities including: geophysicist/field seismologist, healthcare scientist, medical physics, higher education lecturer, radiation protection practitioner, research scientist (physical sciences), scientific laboratory technician, secondary school teacher, meteorologist, structural engineer, acoustic engineer, product/process development scientist, systems developer and technical author.

You can also move into engineering, astrophysics, chemical physics, nanotechnology, renewable energy and more; the opportunities are endless.

Entry Requirements

Students are required to achieve a grade 5+ in Physics or Additional Science and English. A grade 6 in Maths is essential. Those who achieve well at A level also study A level Maths.

Study Topics

Year 2:

- Measurements and their errors
- Particles and radiation
- Waves



- Mechanics and energy
- Electricity

Year 2:

- Further mechanics and thermal physics
- Fields
- Nuclear physics

Plus one option from the following: Astrophysics, Medical physics, Engineering physics, Turning points in physics, or Electronics.

Assessment

Paper 1: 34%

Units 1-5 and 6.1: 2 hours, 85 marks (short and long answers, plus 25 multiple choice questions).

Paper 2: 34%

Units 6, 7 and 8: 2 hours, 85 marks (short and long answers, plus 25 multiple choice questions).

Paper 3: 32%

Practical skills and elective topic: 2 hours, 80 marks (short and long answers).



Social Science

Health & Social Care

Philosophy

Psychology

Sociology



Childcare & Education (Early Years Educator)

Upon successful completion of the course students can go on to studying a Degree/ Foundation Degree in Health, Social Care or Educational programmes or HNC/HND in Health, Social Care and Educational programmes. Students can also, go on to apprenticeships schemes..

If you want to work at a supervisory level in children's care, learning and development or if you are looking to go on to university then this could be the course for you.

This qualification prepares you for a variety of job roles. These include: Care worker, child minder, nursery nurse, play group assistant, nursery assistant, creche, assistant, out of school childcare worker.

Entry Requirements

You must have an interest in working with children in an education or care setting and it is essential that you are caring and understanding and have good communication skills.

You must also have an excellent record of attendance as this course requires you to undertake a placement and gain competence in a real work environment. Attendance at, and successful completion of, work experience every week is an essential and compulsory element of the course.

Students are expected to achieve a grade 4 + in English and Maths.

Study Topics

The course will allow you to work with children aged from birth to 5 years, with the ability to learn specialised information in children aged 5-7 years old. The aim and purpose of this qualification is to provide a two-year, full-time qualification.

On completion of the Technical Level 3 Diploma in Childcare and Education you will be able to access higher education or enter the workforce as Early Years Educators.

You will cover a range of topic areas including:

- Child development from conception to 7 years old
- Children's health and well-being
- Child health
- Playing and learning
- Preparing for school readiness

Assessment

You must achieve a pass grade in the externally set, internally assessed unit assessments for 14 mandatory units.

You must also achieve a pass grade D or above for the external assessments CCE1 and DCE2 (which are externally set and externally assessed).

Each unit throughout the qualification will be graded A*-D and the overall qualification is graded A* - D.

This is a full time course. Students who choose this will only study this.

Health & Social Care

Students who study Health & Social Care have gone on to study degrees/ Foundation Degrees in Health, Social Care or Educational programmes or HNC/HND in Health, Social Care and Educational programmes. Alternatively, students can go on to an apprenticeship scheme.

You may have the option to become a Dementia Friend or Champion and/ or work towards additional recognised qualifications such as First Aid.

Work Experience: Students opting for the Certificate (1 A Level) do not require any work experience although this would be beneficial. Students opting for the Diploma (2 A Levels) require a minimum of 50 hours in 3 different settings and students opting for the Extended Diploma (3 A Levels) require a minimum of 100 hours in 3 different settings. Regularly used work experience settings include Sheffield Teaching Hospital, Rotherham District General Hospital, Universal Embrace Holistic Therapies, Willow SEN School, Woodlands Care Home, Dinnington Primary School and Anston Brook Primary School.

Learners will have the chance to support community based projects which will vary year to year. Previous visits include Rotherham District General Hospital, The Thackray Medical Museum in Leeds and Sheffield Hallam University.

**Certificate (1 A level),
Diploma (2 A levels),
Extended Diploma (3 A levels).**

Entry Requirements

Students are required to achieve a minimum grade 4 in English, Mathematics and Science. There is no need to have studied Health & Social Care or Child Care at Level 2.

Study Topics

The course is suited to those who have a genuine interest in the welfare of others. It is particularly suited to those who wish to embark on a career in health or social care and work within settings such as a hospital, care home or special educational needs sector.

The BTEC Extended diploma offers a specialist qualification that focuses on particular aspects of employment within the appropriate vocational sector. Amongst other units of work you will study Human Lifespan Development, Working in Health and Social Care and Anatomy and Physiology for Health and Social Care. To succeed in this course you must be a good communicator.

Assessment

The qualification can be taken as a single (58% external exam), double (46% external exam) or triple option (42% external exam).

You will be assessed by using a range of methods including the following:

Unit 1: All courses

Human Lifespan Development:
1 hour 30 min exam.

Unit 2: All courses

Working in Health & Social Care:
1 hour 30 min exam.

Unit 3: Extended Diploma

Anatomy and Physiology for Health & Social Care:
1 hour 30mins.

Unit 4: Diploma

Enquiries into current research in Health & Social Care: a supervised set task.





A level

Philosophy

Students who study A level Philosophy can go into certain job sectors such as law, police force, health services, teaching and social work. Some students go on to further study biblical or theological studies, Sociology and History.

- 20th Century perspectives and philosophical comparisons.
- Religion and Ethics.
- Natural and moral law.
- Applied ethics.
- Ethical language: meta-ethics.
- Development in ethical thought.

Y13

- Development in Buddhist thought:
- Foundations in the origins of Buddhist belief.
- A Buddhist insight into the teachings and ideas of human life.
- Shaping religious identity.
- Social and historical development of Buddhism.
- Relationship between Buddhists and society.

Assessment

- Students will sit three exams in their second year exam representing one of the topic areas.
- Philosophy of Religion: 33.3%
 - Religion and Ethics: 33.3%
 - Development in Buddhist thought: 33.3%

Entry Requirements

Students are required to achieve a grade 4+ in English at GCSE.

Study Topics

This is a two year course and consists of three study topics which will be taught across the Y12 & Y13 programme.

Y12

Philosophy of Religion:

- Ancient Philosophical Influences.
- Soul mind and body.
- The existence of God.
- Problem of evil.
- Religious language.

A level

Psychology

Students studying will learn the fundamentals of Psychology and be provided with an opportunity to develop skills valued by employers and Higher Education Institutions (HEIs). These skills include: critical analysis, independent thinking and the application of the research process.

The study of Psychology supports any job that requires an understanding of human behaviour and development and interaction with people. People with skills in psychology are sought after in business, management, teaching, research, social work and careers in medicine and healthcare. There are a wide range of areas to work in including: sports, education, clinical and counselling, forensics, occupational and neuropsychology.

Entry Requirements

Students are required to achieve a minimum grade 4 in English and a level 5 in Maths. The new A level Psychology specification includes a significant proportion of statistical and mathematical skills (it is now 10% of the A level Psychology content).

Study Topics

This qualification offers an engaging and effective introduction to psychology. The compulsory topics studied over 2 years include: Social influence; Memory; Attachment;

Psychopathology; Approaches in Psychology; Biopsychology; Research methods and Issues and Debates in Psychology.

In addition there are a range of optional topics to be studied. Three are chosen from the following: Relationships; Gender; Cognition and Development; Schizophrenia; Eating Behaviour; Stress; Aggression; Forensic Psychology and Addiction.

Assessment

There are three 2 hour long exams which are equally weighted so each one constitutes 33.3% of the final A level.

96 marks are awarded for each paper. The questions within each examination paper include: multiple choice questions; short answer questions and extended writing in the form of a psychological essay.

The assessment is focused on 3 assessment objectives: A01: describing what you know; A02: applying what you know; and A03: analysing and evaluating what you know.





A level

Sociology

A sociological background and understanding will be very useful in any career in which you are dealing with people. It can play a specific part in the training in the caring professions, human resources management, journalism and media production, administration and management, social work, research, teaching and lecturing. A wide number of other professions are also available for successful sociology graduates such as in law, police, forensic criminology, politics, accountancy, solicitors nursing, medicine, social work, the probation service, advertising, PR and market research.

There also may be opportunities to visit local universities to examine how sociological research is undertaken; another possible visit is to the Galleries of Justice, Nottingham.

Entry Requirements

Sociology students will be assessed heavily on their abilities to construct essays; therefore, students are required to achieve a grade 5 in English.

Study Topics

Sociology is the scientific study of society and human social life. It studies human behaviour in social situations. It focuses on how we organise life together. Sociology is rigorous and systematic in its approach and its claims are based on sound

research evidence from sociological studies, theories and perspectives. Over a two year period you will cover a spectrum of subjects which, between them, will help you make sense of the society we live in and understand the culture and identity issues which affect us all.

You will cover a range of topic areas including:

Year 1:

- Education
- Families and households
- Research methods
- Sociological perspectives

Year 2

- The Media
- Crime and deviance
- Further development and understanding of research methods and sociological perspectives

Assessment

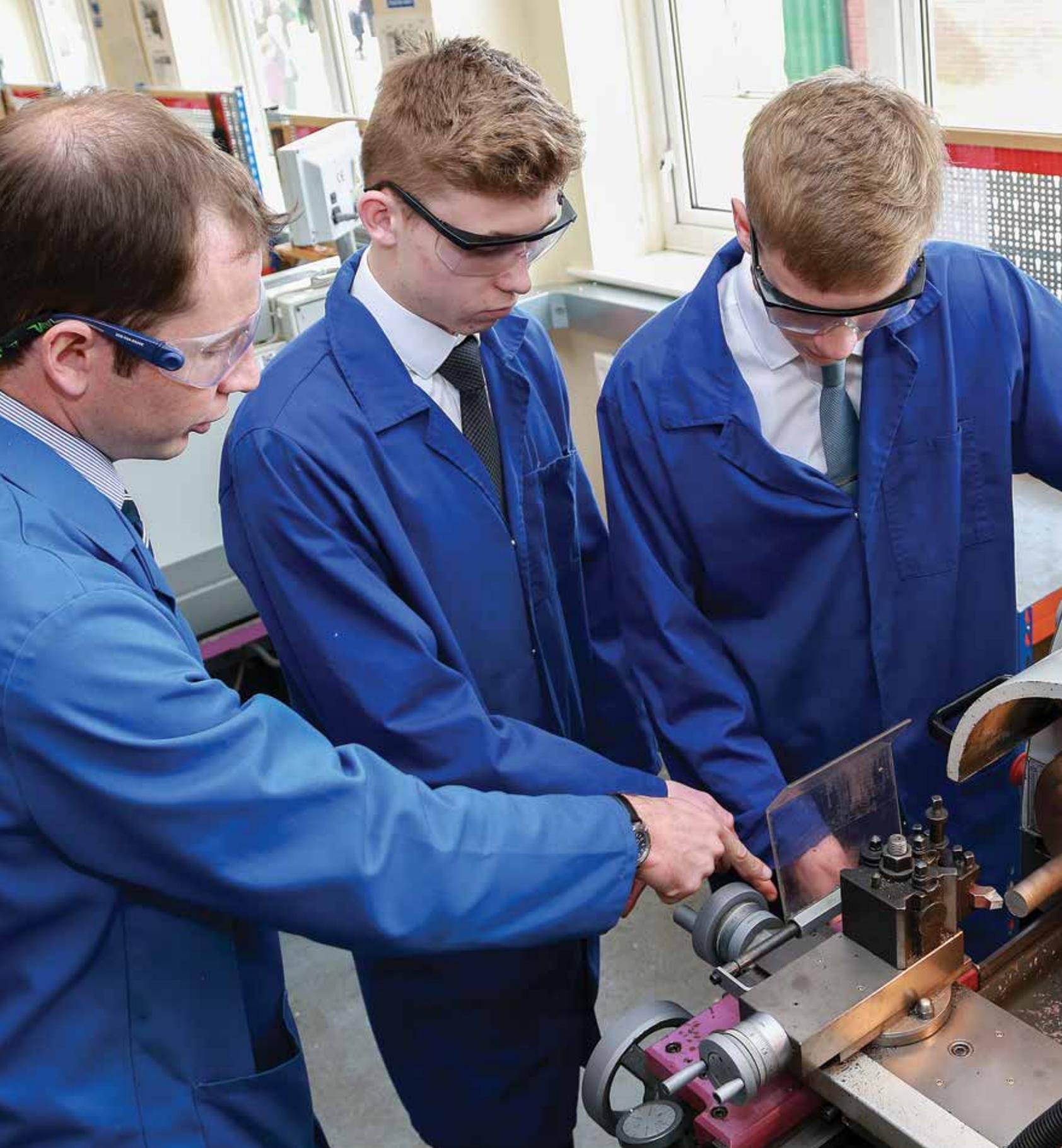
Year 1: Two exams worth 50% each (internally assessed)

Year 2: Three exams external assessments for the final overall grade.

Paper 1: 33.3% Education with theory and methods.

Paper 2: 33.3% Families and households and the media.

Paper 3: 33.3% Crime and deviance with theory and methods.



Engineering & Design

Engineering
Product Design

Engineering

This course is ideally suited to students who are aiming to study engineering or science at university and enter technical careers at graduate level. Alternatively, this course is also excellent preparation for advanced apprenticeships in the engineering sector.

Entry Requirements

Students are required to achieve a minimum grade 5 in Mathematics and Science.

Study Topics

The course provides students with the opportunity through applied learning to develop the core specialist knowledge, skills and understanding required in the engineering sector.

Topics covered include:

- Applied Mathematics
- Mechanical principals
- Electrical and Electronic Systems
- Materials properties
- Computer Aided Design (CAD)

Assessment

The course is graded Pass, Merit, Distinction.

There are 6 units of which 4 are assessed through written exams:

- Mathematics for Engineering
- Science for Engineering
- Principals of Mechanical Engineering
- Principals of Electronic and Electrical Engineering
- Engineering

There are a further 2 internally assessed coursework units.



A Level

Product Design

Product design careers cover an extremely broad spectrum of industries. Consequently, the emphasis on technical or aesthetic design expertise can vary from role to role. More technical projects will demand a greater understanding of engineering, where function may dictate form. More artistic projects are likely to focus on form and usability.

- Smart and modern materials.
- Enhancements of materials and use of finishes.
- Modern industrial and commercial practise.
- Digital design and manufacture, CAD CAM, virtual modelling.
- Enterprise and marketing.
- Design theory, social, moral and ethical issues.
- Responsible design, environmental and conservation issues.
- Quality Assurance and Quality Control.

Entry Requirements

Students are required to achieve 4+ grades in Design and Technology and Maths.

Study Topics

Topics covered include:

- Materials and their applications
- Classification of materials, method of testing and investigating materials.
- Performance characteristics of materials.

Assessment

Exam

Technical principals

Written exam (2.5 hours), 30% of A Level

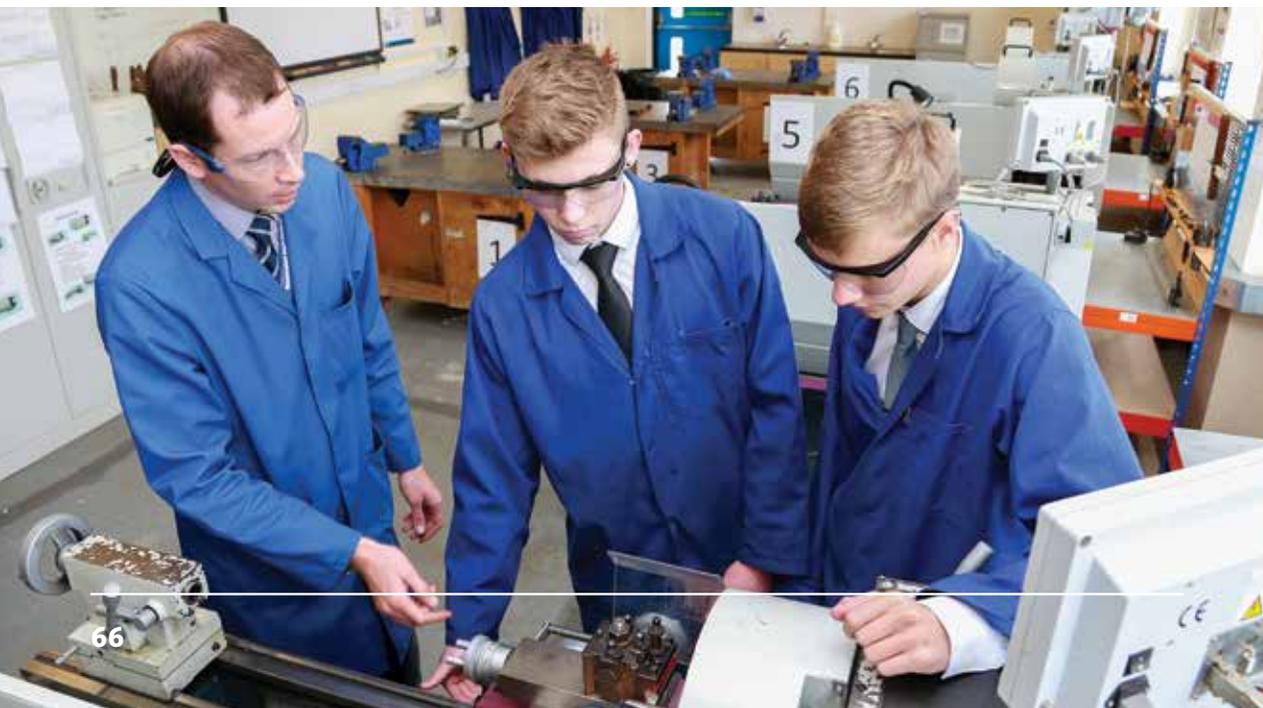
Designing and making principals

Written exam (1.5 hours), 20% of A Level.

Non-Exam Element

Practical application of technical principals, designing and making principals.

Coursework project, 50% of A Level.



‘I found the transition between GCSE and A level difficult. With the help and support from my teachers and head of year, I was able to overcome my struggle. I am so glad I joined sixth form and not college.’

Year 13 student

Contacts

The Sixth Form team are keen to support you through your post-16 education. If you have any questions with regards to your application please don't hesitate to contact us.

General Enquiries

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Alternatively, feel free to call Dinnington High School on **01909 550066**.

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